

REPLACEMENT CLAIMS

What is claimed is:

1. (Original) A method comprising:
allowing a station to have a first connection to a network over a first interface; and
determining that the station is attempting to have a second connection to the network over a second interface other than the first interface.
2. (Original) The method defined in Claim 1 wherein determining that the station is attempting to have a second connection to the network comprises checking memory associated with the station to see if the first and second interfaces belong to the station.
3. (Original) The method defined in Claim 2 wherein the memory comprises a table with locations indicating interfaces for the station.
4. (Original) The method defined in Claim 3 wherein checking memory associated with the station to see if the first and second interfaces belong to the station comprises searching the locations in the table to determine if media access control (MAC) addresses of the first and second interfaces are listed as belonging to the station.

5. (Original) The method defined in Claim 1 further comprising enforcing a security policy in response to determining that the station is attempting to connect to the network over a second interface other than the first interface.

6. (Original) The method defined in Claim 5 wherein the security policy does not permit connection to the network through multiple interfaces of the same station, and wherein enforcing the security policy comprises denying the second connection to the network.

7. (Original) The method defined in Claim 6 wherein denying the second connection comprises disabling a MAC address associated with the second interface.

8. (Original) The method defined in Claim 5 wherein the security policy does not permit connection to the network through multiple interfaces of the same station, and wherein enforcing the security policy comprises disabling the first connection to the network.

9. (Original) The method defined in Claim 8 wherein disabling the first connection comprises removing a MAC address associated with the first interface from a list of active stations.

10. (Original) The method defined in Claim 5 wherein the security policy does not permit connection to the network through multiple interfaces of the same station, and wherein enforcing the security policy comprises denying the first and second connections to the network.

11. (Original) The method defined in Claim 10 wherein denying the first connection comprises removing a MAC address associated with the first interface from a list of active stations and disabling its corresponding entry in the access control list, and further wherein denying the second connection comprises disabling a second MAC address associated with the second interface from becoming listed in a list of active stations.

12. (Original) The method defined in Claim 5 wherein the security policy allows access to the network by the station over multiple interfaces.

13. (Original) A method comprising:
reconciling a plurality of interfaces corresponding to a single station when the station has access to a network resource through a first of the plurality of interfaces and is attempting to gain access to the network resource through a second of the plurality of interfaces; and

enforcing a security policy with respect to the single station in response to the single station attempting to have a plurality of interfaces by which to access the network resource.

14. (Original) A switch for providing access to a network for one or more stations, the switch comprising:

- a plurality of ports;
- a controller coupled to the ports to allow a station to have a first connection to a network over a first interface and to determine that the station is attempting to have a second connection to the network over a second interface other than the first interface.

15. (Original) The switch defined in Claim 14 wherein the controller determines that the station is attempting to have a second connection to the network by checking memory associated with the station to see if the first and second interfaces belong to the station.

16. (Original) The switch defined in Claim 15 further comprising a memory coupled to the controller, the memory to store a table with locations indicating interfaces for the station.

17. (Original) The switch defined in Claim 16 wherein the controller checks the memory associated with the station to see if the first and second interfaces belong to the station by searching the locations in the table to determine if media access control (MAC) addresses of the first and second interfaces are listed as belonging to the station.

18. (Original) The switch defined in Claim 14 wherein the controller enforces a security policy in response to determining that the station is attempting to connect to the network over a second interface other than the first interface.

19. (Original) The switch defined in Claim 18 wherein the security policy does not permit connection to the network through multiple interfaces of the same station, and wherein the controller enforces the security policy by denying the second connection to the network.

20. (Original) The switch defined in Claim 19 wherein denying the second connection comprises disabling a MAC address associated with the second interface.

21. (Original) The switch defined in Claim 18 wherein the security policy does not permit connection to the network through multiple interfaces of the same station, and wherein the controller enforces the security policy by disabling the first connection to the network.

22. (Original) The switch defined in Claim 21 wherein the controller denies the first connection by removing a MAC address associated with the first interface from a list of active stations.

23. (Original) The switch defined in Claim 18 wherein the security policy does not permit connection to the network through multiple interfaces of the same station, and wherein the controller enforces the security policy by disabling the first and denying the second connections to the network.

24. (Original) The switch defined in Claim 10 wherein the controller disables the first connection by removing a MAC address associated with the first interface from a list of active stations and denies the second connection by disabling a second MAC address associated with the second interface from becoming listed in a list of active stations.

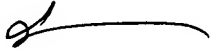
25. (Original) A method comprising:
allowing a station to have a set of one or more connections to a network over a first set of one or more interfaces;
determining that the station is attempting to have another connection to the network over another interface other than the first set of interfaces; and
performing an action in response to determining the station is attempting the other connection.

If any additional fee is required, please charge Deposit Account No. 02-2666. A duplicate of this Response is enclosed for deposit account charging purposes.

Respectfully submitted,

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